

Title (en)
HOLOGRAPHIC REAR WINDOW STOPLIGHT

Publication
EP 0299001 B1 19901010 (EN)

Application
EP 88900175 A 19871120

Priority
US 79387 A 19870106

Abstract (en)
[origin: WO8805002A1] An improved holographic rear window stoplight is provided and includes a hologram member laminated to the rear window surface. Single or multiple hologram layers may be provided. The hologram layers can have a diffraction grating developed in a position relative to the other diffraction grating to provide a folded reflection of light from a source of light of an appropriate wavelength band to indicate a stoplight from a predetermined angle. Alternatively predetermined indicia can be selectively displayed in either a single or multiple layer configuration. The reflection hologram member is transparent when not in use to all observers and remains transparent to the driver even when in use, and thereby prevents any blocking of his field of view.

IPC 1-7
B60Q 1/44

IPC 8 full level
B60Q 1/30 (2006.01); **B60Q 1/44** (2006.01); **F21S 8/10** (2006.01); **G03H 1/28** (2006.01)

CPC (source: EP KR US)
B60Q 1/302 (2013.01 - EP US); **B60Q 1/44** (2013.01 - KR); **G02B 5/203** (2013.01 - EP US); **G03H 1/28** (2013.01 - KR);
G03H 1/0408 (2013.01 - EP US); **G03H 1/2202** (2013.01 - EP US); **G03H 2001/2615** (2013.01 - EP US)

Citation (examination)
• Patent Abstracts of Japan, volume 10, nr 51 (M-457) (2108)28 February 1986 & JP, A, 60199746 (NISSAN JIDOSHA K.K.)9 October 1985 see the whole document
• Patent Abstracts of Japan, volume 10, nr 88 (M-467) (2145) 5 April 1986 & JP, A, 60226339 (NISSAN JIDOSHA K.K.)11 November 1985 see the whole document
• Patent Abstracts of Japan, vol. 10, nr 122 (M-476) (2179) 7 May 1986 & JP, A, 60252035 (STANLEY DENKI K.K.)12 December 1985, see the whole document

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Designated contracting state (EPC)
DE FR GB IT SE

DOCDB simple family (publication)
WO 8805002 A1 19880714; CA 1317920 C 19930518; DE 3765545 D1 19901115; EP 0299001 A1 19890118; EP 0299001 B1 19901010;
JP H01502465 A 19890824; JP H052532 B2 19930112; KR 890700493 A 19890425; KR 910009175 B1 19911104; MX 169653 B 19930716;
US 4892369 A 19900109

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US 8703020 W 19871120; CA 555796 A 19880104; DE 3765545 T 19871120; EP 88900175 A 19871120; JP 50045688 A 19871120;
KR 880701073 A 19880905; MX 964787 A 19871207; US 79387 A 19870106